

ATTACHMENT 9 CONTINGENCY PLAN

9-1 GENERAL INFORMATION

Rapid Response System Operator will operate the Rapid Response System within Deseret Chemical Depot. The Rapid Response System is a glovebox system designed to safely treat chemical agents and repackage industrial chemicals recovered in chemical agent identification sets (CAIS). There are two Deseret Chemical Depot contingency documents in place: the Deseret Chemical Depot Contingency Plan, which covers emergency procedures to mitigate nonagent incidents, and the Chemical Accident/Incident Response and Assistance (CAIRA) Plan, which covers emergency procedures for chemical agent-related incidents. Both the Deseret Chemical Depot Contingency Plan and the CAIRA Plan govern all contingencies occurring at Deseret Chemical Depot. These Deseret Chemical Depot plans, which are kept onsite, will be initiated when appropriate for the Rapid Response System operations. Additional details regarding the location, site plan, and general description of the Rapid Response System glovebox system can be found in Attachments 1 and 2.

The purpose of this contingency plan is to set forth only the necessary procedures to mitigate contingencies in conjunction with Rapid Response System glovebox operations. The Rapid Response System operator, after following notification procedures in Section II-10 of the Deseret Chemical Depot Contingency Plan, will also respond to those Rapid Response System contingencies within their mitigation capabilities. Only when the mitigation of an emergency or release is believed to exceed Rapid Response System operator capabilities will outside assistance from the Deseret Chemical Depot Installation On-Scene Coordinator (IOSC) be requested.

This contingency plan has been designed to prevent hazards to human health or the environment and will be carried out immediately whenever there is a fire, explosion, or release of hazardous waste or hazardous waste constituents from the Rapid Response System glovebox System (engineering controls) that could threaten human health or the environment.

9-2 EMERGENCY COORDINATOR [40 CFR 264.52(d), 264.55; R315-8-4.3(c),4.6]

The Emergency Coordinator, also known as the IOSC, specified in the current Deseret Chemical Depot Contingency Plan, will be responsible for responding to incidents that may occur outside the engineering controls associated with the Rapid Response System glovebox System. The IOSC for Deseret Chemical Depot can be reached at the following telephone numbers:

- IOSC 435-833-4700

The IOSC will be furnished with the names, local addresses, and telephone numbers (work and home) of key Rapid Response System crew members, to include the Rapid Response System Supervisor and the on-call crew members designated to respond to emergencies that may involve the Rapid Response System glovebox System. Back-up emergency on-scene coordinators will be as follows:

- Brett Sims, Team Teledyne, Rapid Response System Site Supervisor
742 West Sunny River Road, Apt. 1112
Taylorsville, Utah 84123
Office: 435-833-4127
Home: 801-268-9551
24-hour Pager: 1-888-801-7889
- John Hightower, Deputy Site Supervisor
1662 West Thornhill Dr., Apt. 107
Salt Lake City UT 84123
Home: (801) 288-0443
Work: (435) 833-4128
Pager: (888) 801-7874
- Vincent A. Prince, Lead Operator
2438 S. Elizabeth St. #4
Salt Lake City UT 84106
Home: (801) 467-9318
Work: (435) 833-4128
Pager: (888) 801-7870

All Rapid Response System crew members will be fully qualified to execute the procedures described in the Deseret Chemical Depot Contingency Plan and support responses that may involve the Rapid Response System glovebox System. Situations exceeding the capabilities of Rapid Response System personnel or dealing with situations outside of the Rapid Response System will be handled by Deseret Chemical Depot emergency personnel at the direction of the IOSC.

Team Teledyne will only respond to emergencies that present minimal hazards to Rapid Response System personnel and the environment. Major spills and releases, especially those involving large quantities of chemical warfare materiel, will be deferred to the Deseret Chemical Depot Emergency Operations Center (EOC), which will then activate the Deseret Chemical Depot contingency plan or CAIRA plan, as appropriate. Spills and releases that Team Teledyne defines as incidental may be responded to by Rapid Response System Operators. These spills and releases include remediation of leaking waste containers, spill control, and air monitoring alarm investigation and remediation. Team Teledyne will only respond to spills and releases that:

- Do not present dermal vapor hazards that require Occupational Safety and Health Administration Level A protection

- Do not involve CWM in concentrations or waste volumes that exceed Team Teledyne's response capabilities or require activation of the Deseret Chemical Depot CAIRA Plan.

The Site Supervisor, with concurrence from the Site Safety and Health Officer, has the authority to decide if Team Teledyne is capable of responding to a spill or release. The Commander, Deseret Chemical Depot also has the authority to take control of an emergency operation at any time. Team Teledyne has the option of deferring site control/incident command to the EOC or Commander at any time.

The responsibilities of the on-scene coordinator include:

- Assessing the spill/emergency
- Determining the need for agency notification
- Requesting manpower and resources required to mitigate contingencies
- Coordinating mitigation, cleanup, and reporting procedures.

The Rapid Response System Supervisor will be responsible for initial notification and assessment of the situation. Pursuant to direction received from the Deseret Chemical Depot IOSC, the Rapid Response System Supervisor will initiate Rapid Response System contingency operations or will await support from Deseret Chemical Depot.

The IOSC will be supported as necessary by the Advisory/Support Group, which consists of the Environmental and Monitoring Division (EMD), Safety Division, Industrial Hygiene, Medics, Public Affairs Office (PAO), contracting, and facilities. The Deseret Chemical Depot Contingency Plan provides the responsibilities of the Advisory/Support Group.

A list of emergency response coordinators can be found in Appendix B of the Deseret Chemical Depot Contingency Plan. Section II, Figure 4 of the Deseret Chemical Depot Contingency Plan provides details on the chain of command for emergency response.

9-3

IMPLEMENTATION [40 CFR 264.52(a), 264.56(d); R315-8-4.3(a), 4.7(d)]

The Deseret Chemical Depot Contingency Plan describes the implementation procedures to be followed in the event of an incident involving hazardous waste. The Deseret Chemical Depot CAIRA Plan will apply if a chemical agent-related incident has occurred.

The on-call crewmembers will be fully qualified to conduct the necessary operations to safely enter Building 4553 and evaluate and respond to problems associated with the Rapid Response System glovebox System. Fire, explosion, and incidents reported to the fire department or that the IOSC has deemed outside of Rapid Response System capabilities will be handled by Deseret Chemical Depot support. The Deseret Chemical Depot Contingency Plan is activated for a spill or a release outside of the capabilities of the Rapid Response System personnel when the Rapid Response System Site Supervisor notifies the Deseret Chemical Depot EOC in the event of a chemical agent release. Activating the Deseret Chemical Depot Contingency Plan is the responsibility of the Rapid Response System Site Supervisor and is defined as an operator response action.

The Rapid Response System Contingency Plan will be implemented for a release of chemical agent or hazardous waste outside of the engineering controls provided by the Rapid Response System glovebox System resulting from Rapid Response System operations. The occurrence of leaking CAIS components discovered within a CAIS overpack container (after it has been introduced into the Rapid Response System glovebox) will be handled as nonroutine operations within the glovebox. A specific detailed set of procedures has been established for such occurrences, as described in Attachment 4-8a(2).

9-4 EMERGENCY RESPONSE PROCEDURES [40 CFR 264.56; R315-8-4.7]

The emergency response procedures to be followed for the Rapid Response System glovebox are addressed in Section II and Appendix C of the Deseret Chemical Depot Contingency Plan. These response procedures are briefly summarized in the following paragraphs.

9-4a Notification [40 CFR 264.56(a); R315-4.7(a)]

Onsite Reporting. Rapid Response System personnel will be trained to recognize and identify conditions that indicate, or that might lead to, a facility emergency condition, or that indicate the presence of an incidental release. If these conditions are found to exist, depending on the type of condition, the Rapid Response System personnel will either sound the manual evacuation alarms, or alert the Rapid Response System Site Supervisor of the condition.

Upon the Rapid Response System Site Supervisor's determination that an imminent or actual emergency condition exists, he will immediately activate the evacuation alarms or communication System, as appropriate, and will provide instructions as to how to respond to the condition, in accordance with the provisions of this Contingency Plan. In accordance with the reporting procedures located in Section II-6a of the Deseret Chemical Depot Contingency Plan, should the Rapid Response System Site Supervisor determine that a spill or incident involving hazardous substances is outside the response capabilities of the Rapid Response System personnel, he will notify the Deseret Chemical Depot fire department by phone, by dialing 911, or by two-way radio. In accordance with the reporting procedures located in Section II-6b of the Deseret Chemical Depot Contingency Plan, should the Rapid Response System Site Supervisor determine that a spill or incident involving chemical agents is outside the response capabilities of the Rapid Response System personnel, he will notify the Deseret Chemical Depot Chemical Supply Operations Division by phone, by dialing extension 4271, or by two-way radio.

Offsite Reporting. Offsite reporting procedures are located in Section II-10 of the Deseret Chemical Depot Contingency Plan, with specific instructions in Appendix C of the same plan. The general offsite reporting procedures will be as follows:

- *Immediate Reporting.* The general procedure requires that all spills in excess of their reportable quantities (RQs) be reported immediately by telephone to Federal, State, and Army offices. EMD is responsible for determining whether an RQ amount has been spilled and making the required telephonic notifications, in accordance with the format presented in Appendix I of the Deseret Chemical Depot Contingency Plan. The Rapid Response System Supervisor will be responsible for initial reporting and will follow direction and guidance received by the Deseret Chemical Depot IOSC.
- *Written Spill Reports.* In addition to the telephonic report, written reports will be submitted to the Utah Division of Solid and Hazardous Waste within 15 days, in accordance with Utah Hazardous Waste Management Regulation R315-9-4. The written reports will also be formatted in accordance with Appendix I of the Deseret Chemical Depot Contingency Plan. Written reports will be retained onsite and be forwarded through the PAO to the installation commander's office if outside agencies are involved. Written reports will be generated by IOSC-designated personnel with cooperation from the Rapid Response System Supervisor.
- *Reports to the Public.* Rapid Response System spill information released to the public shall be reviewed by the Depot Systems Command Environmental Office and approved by the installation commander. Appendix J of the Deseret Chemical Depot Contingency Plan provides guidance for releasing information.

9-4b

Identification of the Hazardous Materials [40 CFR 264.56(b); R315-8-4.7(b)]

Rapid Response System operators will use the same procedures for identification of hazardous materials involved in spills as set forth in Section II-4 of the Deseret Chemical Depot Contingency Plan. Initial identification of spilled materials is to be completed by Rapid Response System personnel in cooperation with the IOSC. Generally, identification is accomplished through user/process knowledge. This is possible due to the personnel training procedures, which ensure that personnel are familiar with substances and waste involved in their efforts. A positive identification is made possible by supplementing user/process knowledge with material safety data sheets, military specifications, manifests, inventory records, and the Hazardous Material Information System. As a last resort, substances can be sampled and analyzed at Building 594, Quality Assurance Laboratory.

Rapid Response System operations will involve a limited number of industrial chemicals that are clearly identified. This will enable workers to more readily identify spills that may occur outside of the Rapid Response System glovebox. In addition, MINICAMS[®] monitoring will alert workers in the event of a release of chemical agent or industrial chemicals. Chemical agent releases are handled in accordance with the Deseret Chemical Depot CAIRA Plan.

9-4c Assessment [40 CFR 264.56(c) and (d); R315-8-4.7(c) and (d)]

In the event of an Rapid Response System spill, Rapid Response System personnel will follow the assessment protocols in place in the Deseret Chemical Depot Contingency Plan.

The assessment of spills beyond Rapid Response System Operator capabilities is initially completed by the fire department. The fire department supervisor serves as the IOSC. An Installation Response Team (IRT), consisting of 15 to 20 permanently assigned employees, assists the fire department hazardous material team. An advisory/support group assists in the assessment and plan of action involved in the mitigation of unexpected emergency spills. This advisory/support group consists of representatives from the following organizations:

- EMD
- Safety Division
- Utah Environmental Health Section (Industrial Hygiene)
- U.S. Army Clinic
- PAO
- Contract Officer.

Detailed information can be found in Section II-5 of the Deseret Chemical Depot Contingency Plan.

9-4d Control Procedures [40 CFR 264.52(a); R315-8-4.3(a)]

The Rapid Response System and Building 4553 are located within a fenced area. As such, only authorized personnel may enter the portion of the building in which the Rapid Response System is located. If an incident should occur, unneeded individuals will be evacuated from the area and will not be permitted to return until the incident has been corrected and permission to re-enter has been authorized. Control procedures will be implemented, in accordance with the Deseret Chemical Depot Contingency Plan and/or the CAIRA Plan, by Deseret Chemical Depot logistics and security personnel (Deseret Chemical Depot security police force), who are assisted by the fire department. If the event affects areas outside of Deseret Chemical Depot, the Tooele County Sheriff, through cooperative agreement with Deseret Chemical Depot, will support Deseret Chemical Depot forces.

9-4e Prevention or Spread of Fire, Explosion, or Release [40 CFR 264.56(c); R315-8-4.7(e)]

Fires, explosions, and releases are prevented by ongoing surveillance in place to detect conditions or situations that may lead to a release. Surveillances are conducted in accordance with Section II-2 of the Deseret Chemical Depot Contingency Plan by the following organizations:

- Area workers at potential spill sites
- Fire department
- Installation security
- Members of the IRT

The Rapid Response System will have in place surveillance and inspection procedures (Attachments 6 and 7) and will also be subject to Deseret Chemical Depot surveillances conducted by the organizations previously listed.

In the event of an emergency, the Rapid Response System Supervisor or Deseret Chemical Depot IOSC will take all measures to prevent the reoccurrence of fires or explosions and the spread of releases. These measures shall include, where applicable, stopping processes and operations, collecting and containing releases, and removing or securing containers of hazardous materials.

9-4f Storage and Treatment of Released Materials [40 CFR 264.56(g); R315-8-4.7(g)]

Released materials from Rapid Response System spills will be cleaned up and containerized in accordance with the Deseret Chemical Depot Contingency Plan. Released materials and Rapid Response System treatment residues will be managed as hazardous wastes. Materials released within the Rapid Response System glovebox and associated media will be characterized in accordance with Attachment 4 (Waste Analysis Plan), and managed in accordance with the requirements associated with the applicable waste codes. It is not expected that spills or releases associated with Rapid Response System treatment operations will occur outside of engineering controls (the glovebox System). It is possible that a spill may occur in the waste staging area (within Building 4553), which will be equipped with secondary containment to mitigate any releases. Containerized wastes and any spill-related wastes generated will also be temporarily held in the waste staging area prior to pickup by an approved hazardous waste contractor for further management as hazardous waste.

9-4g Incompatible Waste [40 CFR 264.56(h)(1); R315-8-4.7(h)(1)]

No incompatible wastes will be treated in the Rapid Response System glovebox. Rapid Response System operating procedures have been established so that only one chemical agent CAIS type is treated in the glovebox at any one time. Chemical agents and industrial chemicals contained in CAIS will be compatible. In addition, all containerized wastes in the waste staging area will be compatible.

9-4h Post-Emergency Equipment Maintenance and Personnel Decontamination [40 CFR 264.56(h)(2); R315-8-4.7(h)(2)]

Equipment. All personal protective equipment will be decontaminated in accordance with the procedures outlined in Appendix H (Decontamination Procedures) of the Deseret Chemical Depot Contingency Plan. Equipment will generally be decontaminated by scrubbing with a water/detergent solution, followed by rinsing with clear water. Decontamination chemicals will be used when the exact contaminants are known and a decontamination material is useful to reduce toxicity. Equipment for decontamination will be located at various stations within the Deseret Chemical Depot area.

Spill equipment will be replenished immediately following the mitigation of the emergency. Inspection procedures will include the inventory of stocks of emergency equipment. Rapid Response System spill kit inspection will be completed in accordance with the requirements and schedule located in Table 6-1.

Personnel Decontamination. The Rapid Response System operator will operate the Rapid Response System and will be prepared to decontaminate personnel as required. Deseret Chemical Depot Chemical and Ammunitions Operations will mobilize an Alert Team Trailer near the Rapid Response System to facilitate personnel decontamination operations. The trailer will be equipped with sufficient decontamination supplies to complete all anticipated personnel decontamination requirements associated with Rapid Response System operations.

**9-4i Container Spills and Leakage [40 CFR 264.52 and 264.171;
R315-8-4.3, and 9.2]**

All wastes received by the Rapid Response System for treatment or repackaging will be in containers within overpacks or PIGs. Wastes will then be handled and managed within the glovebox. Treatment residues and related wastes will be containerized in drums (meeting Department of Transportation specifications) in the Rapid Response System glovebox waste containerization System drum drawer. Any spills that may occur will be promptly cleaned up and containerized. All spill residues will be managed as hazardous waste.

9-5 EMERGENCY EQUIPMENT [40 CFR 264.52(e); R315-8-4.3(d)]

The location and specifications of the emergency equipment to be used in response to emergencies that may occur outside of the Rapid Response System glovebox System (engineering control) is addressed in Appendix D of the Deseret Chemical Depot Contingency Plan.

The Rapid Response System will be equipped with dedicated emergency equipment, such as a spill response kit, first aid kit, fire extinguishers, an intercom System, radios, cellular phones, and eye wash stations (refer to Section F-3a for the specific emergency equipment to be provided). The spill response kits will be capable of meeting any cleanup needs for Rapid Response System spills (outside of engineering controls) in the waste staging area associated with the Rapid Response System. An emergency personnel decontamination station will be established within the Rapid Response System test site. The intercom System will allow communication between Rapid Response System glovebox operators and Rapid Response System support personnel located outside of the operations trailer.

**9-6 COORDINATION AGREEMENTS [40 CFR 264.37 and 264.52(c);
R315-8-3.7 and 4.3(b)]**

The coordination agreements with local police, fire departments, hospitals, contractors, and State and local emergency response teams are addressed in Section II-15 of the Deseret Chemical Depot Contingency Plan.

9-7 EVACUATION PLAN [40 CFR 264.52(f); R315-8-4.3(e)]

In the event that a safety or life-threatening hazard exists, evacuation from the area will occur in accordance with Section II-14 of the Deseret Chemical Depot Contingency Plan. The signal for evacuation is a steady, continuous alarm with an air horn, siren, or vehicle horn. The supervisor or an assigned designee will determine the absence or presence of all employees when assembled at the waiting area specified by security personnel.

In the event that the Rapid Response System and Building 4553 are evacuated, personnel will exit the Rapid Response System operations trailer (wearing gas masks if an agent alarm has sounded), exit Building 4553, and assemble outside of the building at the Emergency Evacuation Rally Point as indicated in Figure 9-1. (Note: Depending on the prevailing winds, an alternate evacuation plan may be designated during the daily "tailgate" meeting.) If an area-wide evacuation is necessary, then Rapid Response System personnel will evacuate Deseret Chemical Depot in accordance with the routes indicated in the Contingency Plan and included in Figure 9-2. Figure 9-2 indicates the evacuation route out of Deseret Chemical Depot.

9-8 REQUIRED REPORTS (40 CFR 264.56(j); R315-8-4.7(j))

Reporting will be conducted in accordance with the information provided in Section II-10 and with Appendix I of the Deseret Chemical Depot Contingency Plan.

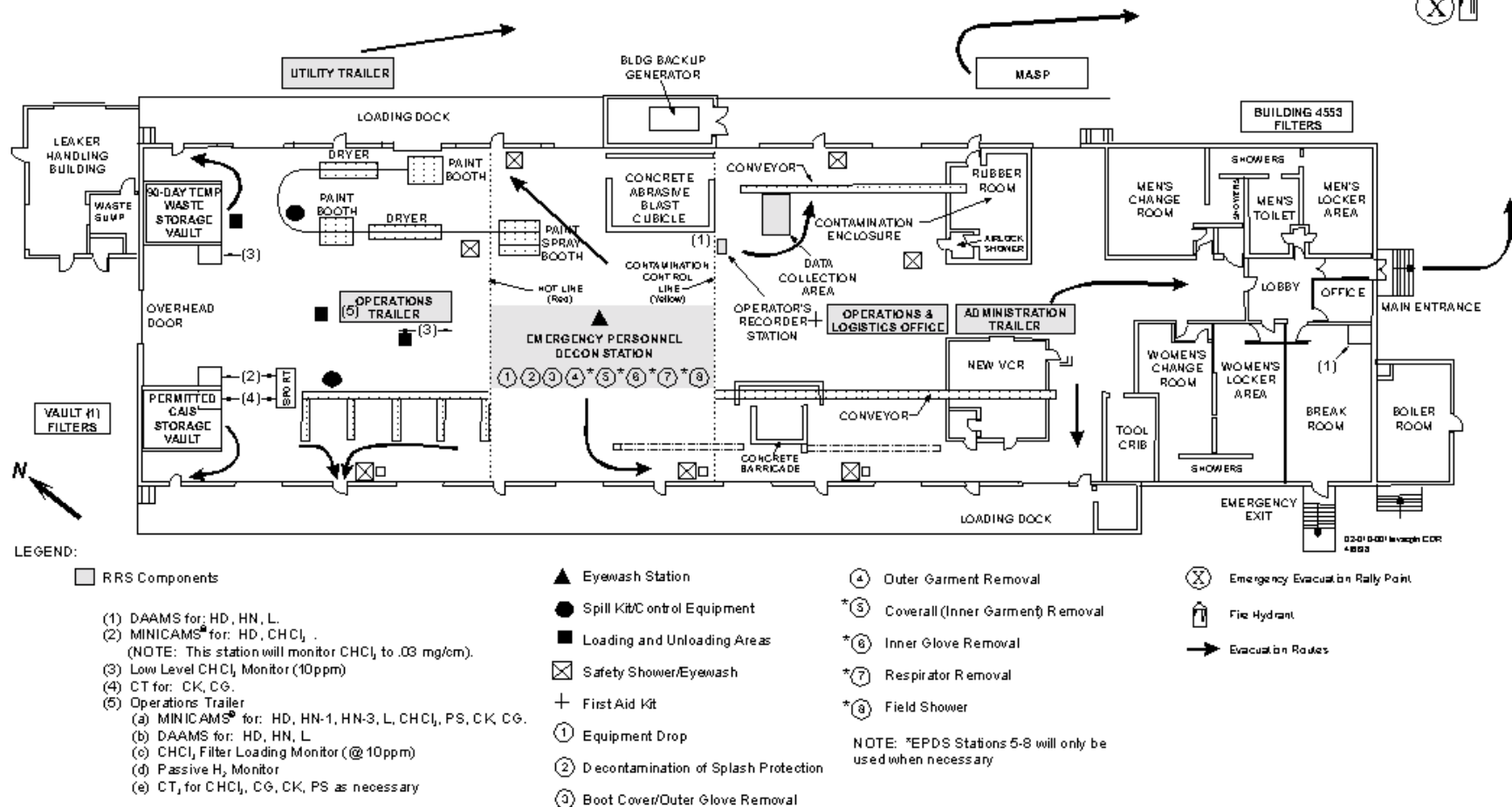


Figure 9-1
Building 4553 Evacuation Plan

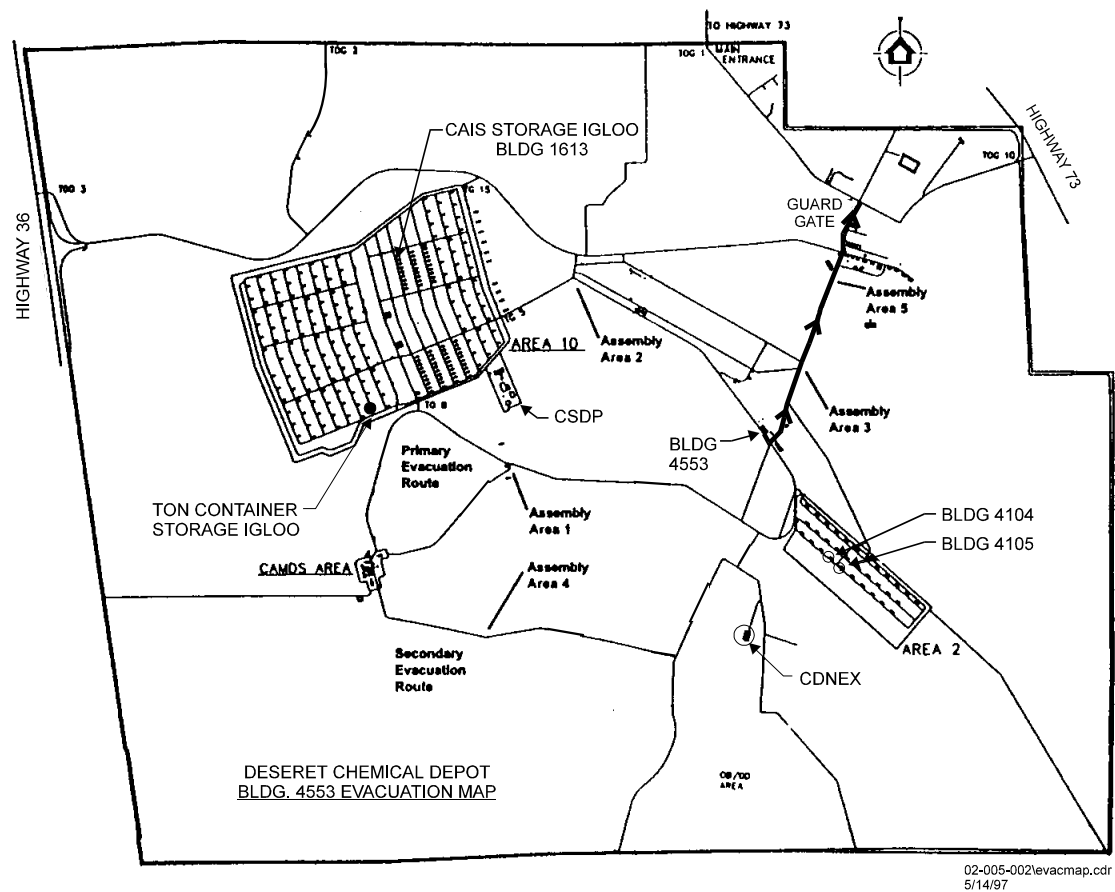


Figure 9-2
Evacuation from DCD